

(12) **United States Patent**
Bukhin et al.

(10) **Patent No.:** **US 9,026,261 B2**
(45) **Date of Patent:** **May 5, 2015**

(54) **METHODS AND SYSTEMS FOR MANAGING ENERGY USAGE IN BUILDINGS**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 286 days.

(21) Appl. No.: **12/796,408**

(22) Filed: **Jun. 8, 2010**

(65) **Prior Publication Data**

US 2011/0022242 A1 Jan. 27, 2011

Related U.S. Application Data

(60) Provisional application No. 61/185,012, filed on Jun. 8, 2009.

(51) **Int. Cl.**

G06F 19/00 (2011.01)
H02J 3/14 (2006.01)
G06Q 10/06 (2012.01)
G06Q 50/06 (2012.01)
H02J 13/00 (2006.01)

(52) **U.S. Cl.**

CPC . **H02J 3/14** (2013.01); **G06Q 10/06** (2013.01); **G06Q 50/06** (2013.01); **H02J 13/001** (2013.01); **H02J 2003/143** (2013.01); **Y02B 70/3225** (2013.01); **Y02B 70/3266** (2013.01); **Y04S 20/222** (2013.01); **Y04S 20/242** (2013.01)

(58) **Field of Classification Search**

USPC 700/295, 276, 291; 702/61; 705/412; 315/307

See application file for complete search history.

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(57)

ABSTRACT

A method and system for managing energy usage in a building is provided. The method includes collecting data on energy consumption in the building on a generally continuous basis for at least a given time period. Information relating to the energy consumption is displayed to a user on one or more devices. The information includes (a) the data collected on energy consumption to be displayed in real-time on the one or more devices, (b) a comparison of the data collected on energy consumption in the building to energy consumption data of a cohort or group of cohorts, (c) recommendations for reducing energy consumption in the building based on the data collected on energy consumption, and (d) progress report data comparing the data collected on energy consumption to a desired consumption level.

62 Claims, 21 Drawing Sheets

